

Amendments to the Specification:

At page 1, first paragraph, please insert the following reference to priority applications.

This application claims the benefit of U.S. Provisional Application No. 60/489,271, filed July 21, 2003, and German Application No. DE 102 54 652.5, filed November 22, 2002, each of which is hereby incorporated by reference.

At page 1, replace the first paragraph, spanning lines 3-8, with the following paragraph.

The present invention relates to transgenic animals, particularly to a knock-in mouse and a targeting vector intended for the generation of such an animal like a knock-in mouse. Furthermore, the present invention relates to stem cells, preferably murine embryonic stem cells comprising said targeting vector as well as to a screening method for the identification of compounds for the treatment of human epilepsy syndrome, particularly familiar familial autosomal dominant nocturnal frontal lobe epilepsy (ADNFLE).

At page 6, replace the second paragraph, spanning lines 10-13, with the following paragraph.

The animals provided in the present invention, specifically knock-in mice, are preferably usable in screening methods for the identification of compounds for the treatment of the human epilepsy syndrome, particularly of the familiar familial autosomal dominant nocturnal front frontal lobe epilepsy (ADNFLE) comprising the following steps: